

Converting Colors

$Y_{xy}(42.4183, 0.3423, 0.2633)$

Have a look what the booklet for
Yxy(42.4183, 0.3423, 0.2633)
contains.

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Color

Yxy(42.3376, 0.3417, 0.2629)

Conversions

Conversions Part 1

Format	Color
Hex	E992CE
RGB	233, 146, 206
RGB Percent	91%, 57%, 81%
CMY	0.0862, 0.4275, 0.1921
CMYK	0.00, 0.37, 0.12, 0.09
HSL	319°, 66%, 74%
HSV	319°, 37%, 91%
XYZ	55.0276, 42.3376, 63.6755
YIQ	178.8530, 32.5920, 37.1040

Conversions

Conversions Part 2

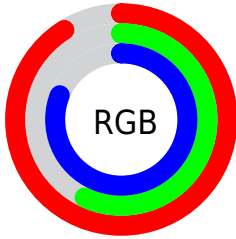
Format	Color
R _Y B	233, 146, 206
Decimal	15307470
CIE Lab	71.10, 41.28, -17.07
CIE LCh	71, 44.673, 337.532
Yxy	42.3376, 0.3417, 0.2629
Android (android.graphics.Color)	4293497550 (0xFFE992CE)
YUV	178.8530, 13.3835, 47.4869
Hunter-Lab	65.0673, 37.0900, -12.4746

Details

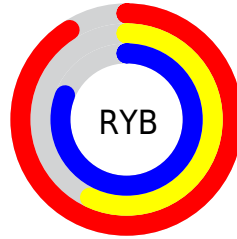
The Yxy color $42.3376, 0.3417, 0.2629$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $67.4109, 0.2925, 0.4063$, and the grayscale version is $44.9127, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.2533, 0.3152, 0.2762$, and $19.3258, 0.3488, 0.2453$ is the 20% darker color. If you saturate the color by 10%, you get $35.5299, 0.3524, 0.2458$, and if you desaturate by 10%, it is $50.6292, 0.3323, 0.2809$.

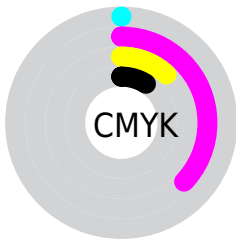
Distribution



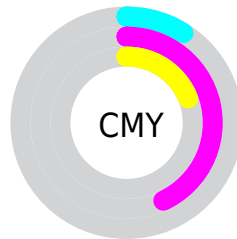
- Red (91%)
- Green (57%)
- Blue (81%)



- Red (91%)
- Yellow (57%)
- Blue (81%)



- Cyan (0%)
- Magenta (37%)
- Yellow (12%)
- Black (9%)





- Cyan (9%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3376, 0.3417, 0.2629 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 42.3376, 0.3417, 0.2629 by changing the saturation by 10% instead.

 42.3376, 0.3417,
0.2629


 42.3376, 0.3417,
0.2629


355.8805, 0.3279,
0.2945

 29.3657, 0.3449,
0.2554


 78.7103, 0.3368,
0.2741

 19.3577, 0.3490,
0.2461

 102.8799, 0.3350,
0.2784

 11.9290, 0.3542,
0.2341


131.5510, 0.3334,
0.2820

 6.6954, 0.3611,
0.2180

165.1077, 0.3320,
0.2852

 3.2723, 0.3707,
0.1958

203.9347, 0.3307,
0.2880

 1.2755, 0.3845,
0.1632

248.4162, 0.3297,

 0.1221, 0.4360,

0.2904

0.0460

298.9367, 0.3287,
0.2926

0.0000, 0.3714,
0.0000

0.0000, 0.0000,
0.0000

42.3376, 0.3417,
0.2629

42.3376, 0.3417,
0.2629

35.5299, 0.3524,
0.2458

50.6292, 0.3323,
0.2809

30.1106, 0.3643,
0.2305

60.4810, 0.3241,
0.2990

25.9820, 0.3770,
0.2182

71.9712, 0.3171,
0.3166

23.0313, 0.3904,
0.2100

85.1707, 0.3112,
0.3334

■ 21.1261, 0.4037,
0.2065

■ 95.2657, 0.3065,
0.3418

■ 20.0916, 0.4168,
0.2080

■ 95.7090, 0.3024,
0.3345

■ 19.8890, 0.4202,
0.2089

■ 96.0653, 0.2993,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.3376, 0.2773, 0.2365



42.3376, 0.3417, 0.2629



42.3376, 0.4031, 0.3035

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.3376, 0.3417, 0.2629



42.3376, 0.3962, 0.4370



42.3376, 0.2017, 0.2857

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42.3376, 0.3417, 0.2629



67.4109, 0.2925, 0.4063

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.3376, 0.2270, 0.3480



42.3376, 0.3417, 0.2629



42.3376, 0.3379, 0.4456

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.3376, 0.3417, 0.2629



42.3376, 0.4342, 0.3998



42.3376, 0.2760, 0.4118



42.3376, 0.2025, 0.2449

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.3376, 0.3417, 0.2629



42.3376, 0.4305, 0.3353



42.3376, 0.2760, 0.4118



42.3376, 0.2072, 0.3046

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42.3395, 0.3417, 0.2629



82.8430, 0.3196, 0.3101



35.2230, 0.2644, 0.2216



17.3171, 0.3205, 0.3077



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.3395, 0.3417, 0.2629



45.2251, 0.3500, 0.2493



40.5411, 0.3855, 0.3093



15.2296, 0.3185, 0.3129



11.3076, 0.4183, 0.2078



0.9051, 0.4015, 0.1985

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.3395, 0.3417, 0.2629



45.2251, 0.3500, 0.2493



69.3318, 0.2695, 0.3503



15.2296, 0.3185, 0.3129



11.3076, 0.4183, 0.2078



0.9051, 0.4015, 0.1985

Previews

White Background



This preview shows how the Yxy color 42.3376, 0.3417, 0.2629 looks on a white background.

Color Contrast Check

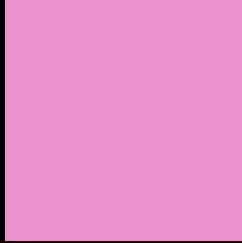
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.3376, 0.3417, 0.2629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

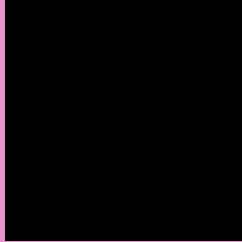
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3376, 0.3417, 0.2629

Background



This preview shows how black text looks on a background with the Yxy color 42.3376, 0.3417, 0.2629.



This preview shows how white text looks on a background with the Yxy color 42.3376, 0.3417, 0.2629.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

42.3376, 0.3417, 0.2629

Protanopia

42.8460, 0.2653, 0.2637

Deuteranopia

42.4787, 0.2939, 0.2877



Tritanopia

42.3218, 0.3763, 0.3164

Trichromacy



Original Color

42.3376, 0.3417, 0.2629



Protanomaly

41.7689, 0.2897, 0.2624



Deuteranomaly

41.8073, 0.3106, 0.2774



Tritanomaly

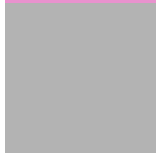
42.2515, 0.3637, 0.2959

Monochromacy



Original Color

42.3376, 0.3417, 0.2629



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.4537, 0.3231, 0.3016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3376, 0.3417, 0.2629 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 146, 206)` looks like.

```
.text, #text, p{  
    color:rgb(233, 146, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 146, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 146, 206) }
```

Border

The CSS property to change the border of an element to Yxy 42.3376, 0.3417, 0.2629 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 146, 206) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 146, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 146, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 146, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 146, 206);  
box-shadow:4px 4px 4px 4px rgb(233, 146,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3376, 0.3417, 0.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 146, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
146, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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